

Appl. No. 10/650,428
Amdt. dated June 16, 2005
Reply to Office Action of 3/17/2005

Docket No. A01420

AMENDMENTS TO CLAIMS:

1. (currently amended) A moisture-reactive hot-melt composition formed by admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin, wherein said silane-functional polyolefin has silane pendant groups in the amount of 10% or less by weight based on the weight of said silane-functional polyolefin.
2. (original) The composition of claim 1, wherein said silane-functional polyolefin has 20% crystallinity or less.
3. (original) The composition of claim 1, wherein said silane-functional polyolefin comprises at least one silane-functional poly- α -olefin.
4. (original) The composition of claim 1, wherein said composition further comprises at least one silane adhesion promoter.
5. (original) The composition of claim 1, wherein said silane-functional polyolefin comprises at least one silane-functional poly- α -olefin, wherein said silane-functional polyolefin has 20% or less crystallinity, and wherein said composition further comprises at least one silane adhesion promoter.
6. (withdrawn) A method of making a moisture-reactive hot-melt composition comprising admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin.
7. (withdrawn) The method of claim 6, wherein said silane-functional polyolefin comprises at least one silane-functional poly- α -olefin, wherein said silane-

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functional polyolefin has 20% or less crystallinity, and wherein said hot-melt composition further comprises at least one silane adhesion promoter.

8. (withdrawn) A method for bonding substrates comprising
 - (a) making a moisture-reactive hot-melt composition comprising admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin;
 - (b) heating said hot-melt composition;
 - (c) applying said heated hot-melt composition to a first substrate;
 - (d) contacting said applied heated hot-melt composition with a second substrate; and
 - (e) cooling, or allowing to cool, said hot-melt composition.
9. (withdrawn) The method of claim 8, wherein said silane-functional polyolefin comprises at least one silane-functional poly- α -olefin, wherein said silane-functional polyolefin has 20% or less crystallinity, and wherein said hot-melt composition further comprises at least one silane adhesion promoter.
10. (currently amended) A bonded composite article comprising at least two substrates bonded by a moisture-reactive hot-melt composition formed by admixing components comprising at least one polyol, at least one polyisocyanate, and at least one silane-functional polyolefin; wherein said silane-functional polyolefin comprises at least one silane-functional poly- α -olefin; wherein said silane-functional polyolefin has 20% or less crystallinity; and wherein said hot-melt composition further comprises at least one silane adhesion promoter, and wherein said silane-functional polyolefin has silane pendant groups in the amount of 10% or less by weight based on the weight of said silane-functional polyolefin.